

**Notice of Allowability**

Application No.

10/751,294

Examiner

David J. Parsley

Applicant(s)

WANG, CHIH-HSIN

Art Unit

3643

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to applicant's amendment dated 2-24-06.
2. ☒ The allowed claim(s) is/are 4,5,10,11,14-17,19,20 and 23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Alan Kamrath on 4-28-06.

The application has been amended as follows: in claim 10 in line 1 delete "for a collar". In line 2 add - -a collar- -after "comprising" and in line 18 delete "to be".

In claim 11, in line 1 delete "for a collar". In line 2 add - -a collar- -after "comprising" and in line 18 delete "to be".

In claim 16, in line 1 delete "for a collar". In line 2 add - -a collar- -after "comprising" and in line 23 delete "to be" and in line 28 delete "to be".

### *Reasons for Allowance*

2. The following is an examiner's statement of reasons for allowance: the limitations of "wherein the central member is a male member while the lateral members are female members, wherein the male member includes a first cylinder formed at an end and a second cylinder formed at an opposite end, with the first and second cylinders each having an axis and a first side and a second side spaced along the axis from the first side, and the first female member defines a

Art Unit: 3643

first recess into which the first cylinder can be forced in a direction perpendicular to the axis of the first cylinder without disassembly of either of the central member and the first lateral member and in which the first cylinder can be pivoted about the axis of the first cylinder, and the second female member defines a second recess into which the second cylinder can be forced in a direction perpendicular to the axis of the second cylinder without disassembly of either of the central member and the second lateral member and in which the second cylinder can be pivoted about the axis of the second cylinder, with the first and second cylinders having cross sections at the first and second sides of a same shape and size, wherein the first female member includes a bar located opposite to the first recess thereof and spaced from the first recess in a direction perpendicular to the axis, with the bar wound with an end of the collar..." in claim 10, the limitations of "...wherein the central member is a male member while the lateral members are female members, wherein the male member includes a first cylinder formed at an end and a second cylinder formed at an opposite end, with the first and second cylinders each having an axis and a first side and a second side spaced along the axis from the first side, and the first female member defines a first recess into which the first cylinder can be forced in a direction perpendicular to the axis of the first cylinder without disassembly of either of the central member and the first lateral member and in which the first cylinder can be pivoted about the axis of the first cylinder, and the second female member defines a second recess into which the second cylinder can be forced in a direction perpendicular to the axis of the second cylinder without disassembly of either of the central member and the second lateral member and in which the second cylinder can be pivoted about the axis of the second cylinder, with the first and second cylinders having cross sections at the first and second sides of a same shape and size, wherein the

Art Unit: 3643

second female member includes a bar located opposite to the second recess thereof and spaced from the second recess in a direction perpendicular to the axis, with the bar wound with an end of the collar..." and in claim 16, the limitations of "...wherein the central member is a male member while the lateral members are female members, wherein the male member includes a first cylinder formed at an end and a second cylinder formed at an opposite end, with the first and second cylinders each having an axis and a first side and a second side spaced along the axis from the first side, and the first female member defines a first recess into which the first cylinder can be forced in a direction perpendicular to the axis of the first cylinder without disassembly of either of the central member and the first lateral member and in which the first cylinder can be pivoted about the axis of the first cylinder, and the second female member defines a second recess into which the second cylinder can be forced in a direction perpendicular to the axis of the second cylinder without disassembly of either of the central member and the second lateral member and in which the second cylinder can be pivoted about the axis of the second cylinder, with the first and second cylinders having cross sections at the first and second sides of a same shape and size, with the first and second cylinders having cross sections of a constant shape and size between the first and second sides, with the first and second cylinders terminating in the first and second sides, wherein the first recess of the first female member includes a reduced opening extending parallel to and spaced from the axis so as to keep the first cylinder therein, wherein the first lateral member further comprises a third cylinder having an axis parallel to and spaced from the first recess, with the reduced opening of the first recess extending in a direction from the first recess opposite to the third cylinder, with the third cylinder wound by an end of the collar, wherein the second recess of the second female member includes a reduced opening extending

parallel to and spaced from the axis so as to keep the second cylinder therein, wherein the second lateral member further comprises a fourth cylinder having an axis parallel to and spaced from the second recess, with the reduced opening of the second recess extending in a direction from the second recess opposite to the fourth cylinder, with the fourth cylinder wound by an end of the collar..." all are not found in the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

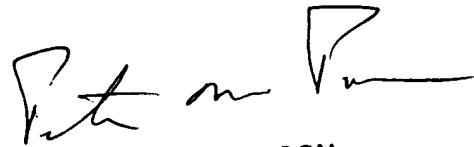
3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David J. Parsley whose telephone number is (571) 272-6890. The examiner can normally be reached on Monday-Friday from 8am to 4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Poon can be reached on (571) 272-6891. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



David Parsley  
Patent Examiner  
Art Unit 3643



PETER M. POON  
SUPERVISORY PATENT EXAMINER

5/11/06